

Appendix: 5G Wi-Fi Band 1, 4

Contents

Appendix A1: Emission Bandwidth3

 Test Result 3

 Test Graphs 4

Appendix A2: Occupied channel bandwidth 18

 Test Result 18

 Test Graphs 19

Appendix A3: Min emission bandwidth 33

 Test Result B4 33

 Test Graphs B4 34

Appendix B: Duty Cycle41

 Test Result 41

 Test Graphs 42

Appendix C: Maximum conducted output power56

 Test Result Channel Power56

 Test Graphs Channel Power 57

Appendix D: Maximum power spectral density 71

 Test Result 71

 Test Graphs 72

Appendix E: Frequency Stability 86

 Test Result 86

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.84	5169.56	5191.40	---	---
11A	Ant1	5220	22.32	5209.56	5231.88	---	---
11A	Ant1	5240	21.64	5229.56	5251.20	---	---
11A	Ant1	5745	21.00	5734.64	5755.64	---	---
11A	Ant1	5785	20.96	5774.68	5795.64	---	---
11A	Ant1	5825	20.92	5814.72	5835.64	---	---
11N20SISO	Ant1	5180	22.72	5169.48	5192.20	---	---
11N20SISO	Ant1	5220	24.84	5209.08	5233.92	---	---
11N20SISO	Ant1	5240	24.28	5229.40	5253.68	---	---
11N20SISO	Ant1	5745	21.56	5734.44	5756.00	---	---
11N20SISO	Ant1	5785	21.20	5774.56	5795.76	---	---
11N20SISO	Ant1	5825	21.32	5814.48	5835.80	---	---
11N40SISO	Ant1	5190	48.08	5170.40	5218.48	---	---
11N40SISO	Ant1	5230	49.12	5210.08	5259.20	---	---
11N40SISO	Ant1	5755	40.16	5735.00	5775.16	---	---
11N40SISO	Ant1	5795	40.08	5775.08	5815.16	---	---
11AC20SISO	Ant1	5180	21.72	5169.52	5191.24	---	---
11AC20SISO	Ant1	5220	24.80	5209.44	5234.24	---	---
11AC20SISO	Ant1	5240	23.64	5229.00	5252.64	---	---
11AC20SISO	Ant1	5745	21.56	5734.32	5755.88	---	---
11AC20SISO	Ant1	5785	21.36	5774.48	5795.84	---	---
11AC20SISO	Ant1	5825	21.28	5814.52	5835.80	---	---
11AC40SISO	Ant1	5190	47.76	5170.32	5218.08	---	---
11AC40SISO	Ant1	5230	50.72	5210.16	5260.88	---	---
11AC40SISO	Ant1	5755	40.08	5735.24	5775.32	---	---
11AC40SISO	Ant1	5795	40.32	5775.08	5815.40	---	---
11AC80SISO	Ant1	5210	100.16	5169.68	5269.84	---	---
11AC80SISO	Ant1	5775	81.92	5734.04	5815.96	---	---

Test Graphs











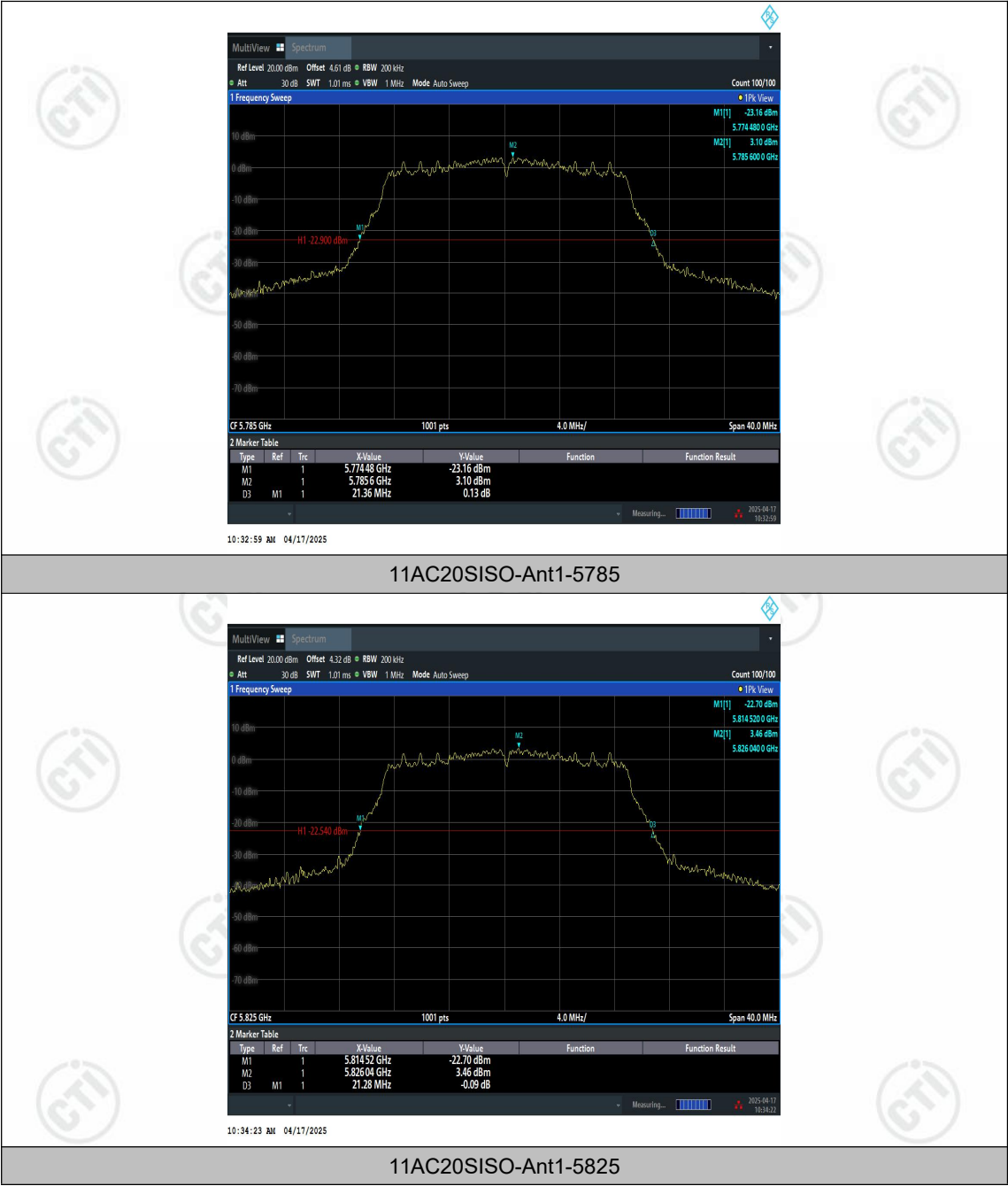




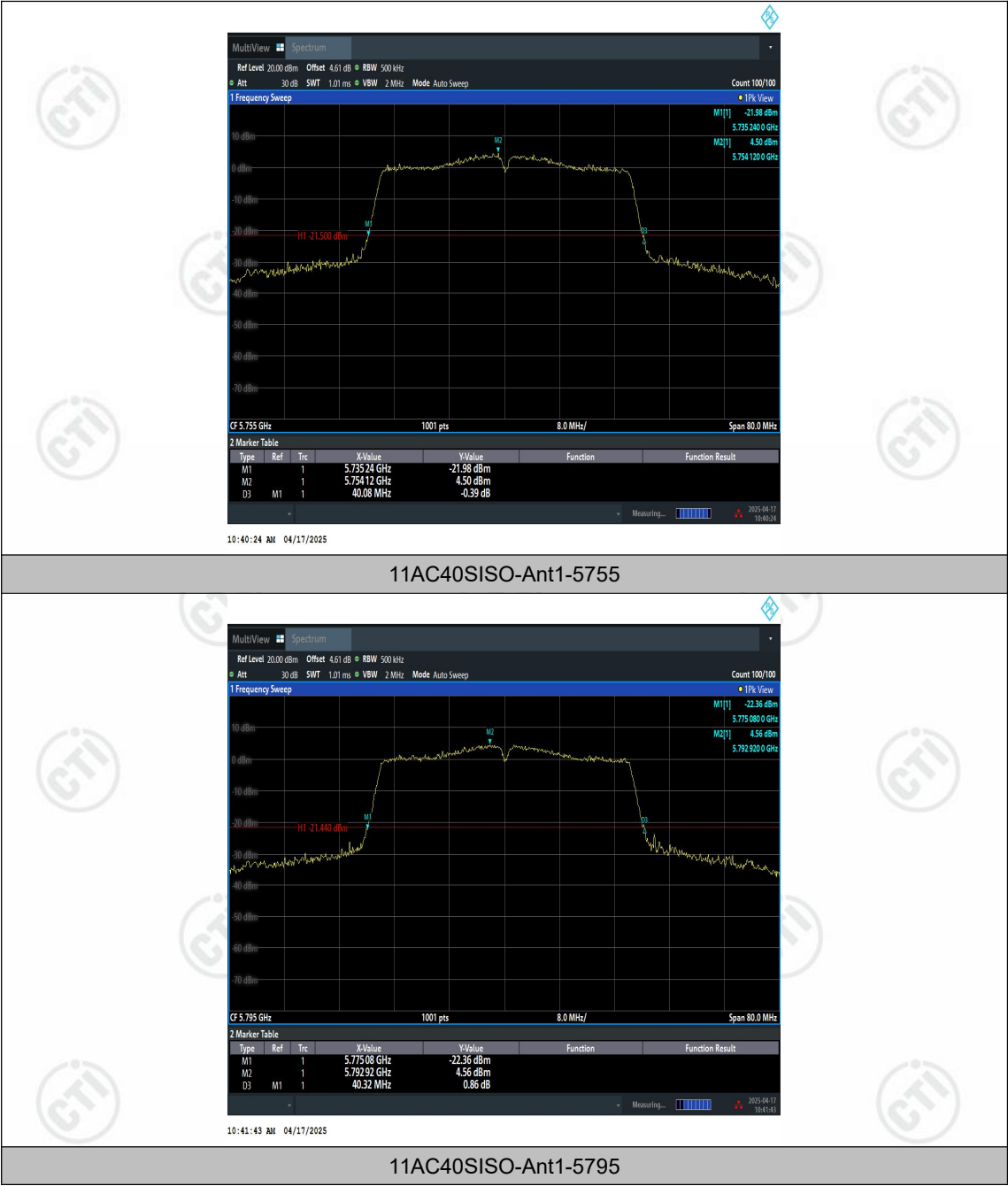














Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.014	5171.1796	5189.1935	---	---
11A	Ant1	5220	18.08	5211.1931	5229.2733	---	---
11A	Ant1	5240	17.95	5231.1837	5249.1338	---	---
11A	Ant1	5745	17.618	5736.2734	5753.8913	---	---
11A	Ant1	5785	17.576	5776.3146	5793.8904	---	---
11A	Ant1	5825	17.577	5816.3521	5833.9292	---	---
11N20SISO	Ant1	5180	18.636	5170.9525	5189.5883	---	---
11N20SISO	Ant1	5220	18.927	5210.8225	5229.7494	---	---
11N20SISO	Ant1	5240	18.642	5230.9043	5249.5467	---	---
11N20SISO	Ant1	5745	18.492	5735.8769	5754.3685	---	---
11N20SISO	Ant1	5785	18.462	5775.8908	5794.3526	---	---
11N20SISO	Ant1	5825	18.404	5815.9857	5834.3899	---	---
11N40SISO	Ant1	5190	36.571	5172.0448	5208.6161	---	---
11N40SISO	Ant1	5230	36.683	5211.9981	5248.6809	---	---
11N40SISO	Ant1	5755	36.478	5736.9066	5773.3850	---	---
11N40SISO	Ant1	5795	36.442	5776.9248	5813.3673	---	---
11AC20SISO	Ant1	5180	18.512	5170.9673	5189.4797	---	---
11AC20SISO	Ant1	5220	18.868	5210.8259	5229.6941	---	---
11AC20SISO	Ant1	5240	18.678	5230.8685	5249.5461	---	---
11AC20SISO	Ant1	5745	18.499	5735.8555	5754.3541	---	---
11AC20SISO	Ant1	5785	18.411	5775.9366	5794.3471	---	---
11AC20SISO	Ant1	5825	18.465	5815.9167	5834.3817	---	---
11AC40SISO	Ant1	5190	36.636	5172.0488	5208.6846	---	---
11AC40SISO	Ant1	5230	36.701	5211.9780	5248.6794	---	---
11AC40SISO	Ant1	5755	36.411	5736.9226	5773.3338	---	---
11AC40SISO	Ant1	5795	36.426	5776.9215	5813.3478	---	---
11AC80SISO	Ant1	5210	75.882	5172.6679	5248.5500	---	---
11AC80SISO	Ant1	5775	75.625	5737.2944	5812.9198	---	---

Test Graphs









